

ABSTRACT OF THE DISCLOSURE

A blend of polymeric materials comprising

- 5 (A) of from about 1 to about 99.99 weight percent based on the combined weights of
Components A, B and C of at least one substantially random interpolymer; and
wherein said interpolymer;
- (1) contains of from about 0.5 to about 65 mole percent of polymer units derived
from;
- 10 (a) at least one vinyl or vinylidene aromatic monomer, or
(b) at least one hindered aliphatic or cycloaliphatic vinyl or vinylidene
monomer, or
(c) a combination of at least one vinyl or vinylidene aromatic monomer and
at least one hindered aliphatic or cycloaliphatic vinyl or vinylidene
monomer;
- 15 (2) contains of from about 35 to about 99.5 mole percent of polymer units derived
from at least one aliphatic α -olefin having from 2 to 20 carbon atoms;
- (3) has a molecular weight (M_n) greater than about 1,000;
- (4) has a melt index (I_2) of from about 0.01 to about 1,000;
- 20 (5) has a molecular weight distribution (M_w/M_n) of from about 1.5 to about 20;
and
- (B) of from about 99 to about 0.01 weight percent based on the combined weights of
Components A, B, and C of one or more conductive additives and/or one or more
additives with high magnetic permeability ; and
- 25 (C) of from 0 to about 98.99 weight percent based on the combined weights of
Components A, B, and C of one or more polymers other than A.